



Joe Parisi
Dane County Executive

Dane County Planning & Development

Division of Zoning

October 25, 2019

Michael Ayers
8692 Airport Rd
Middleton WI 53562

RE: Navigability Determination – County Highway K, Section 30, Town of Springfield

The Dane County Zoning Division has processed your request for a navigability determination for an intermittent tributary to Brewery Creek that is located in section 30, Town of Springfield.

Before conducting the site inspection, the County G.I.S., aerial photography, and the Wisconsin Surface Water Data Viewer were used to determine the categorization of this stream. The map shows that there is an intermittent stream as well as a dammed pond that may be located on or near the property. An intermittent stream is one that has a periodic or recurrent flow.

A site inspection was conducted on October 24, 2019. It was observed that the intermittent stream drains a large area of agricultural land on both sides of County Highway K and becomes channelized in a gully. The gully shows significant signs of erosive forces and forms a defined bed and bank, approximately 4 feet wide, before reaching an alluvial fan created by an earthen dam. The presence of the dam created a pond of standing water. Evidence existing surround the pond that it expands and shrinks significantly between rain events.

After further review of these waterways, it has been determined that the stream may be navigable during times of high water and the pond is definitely navigable.

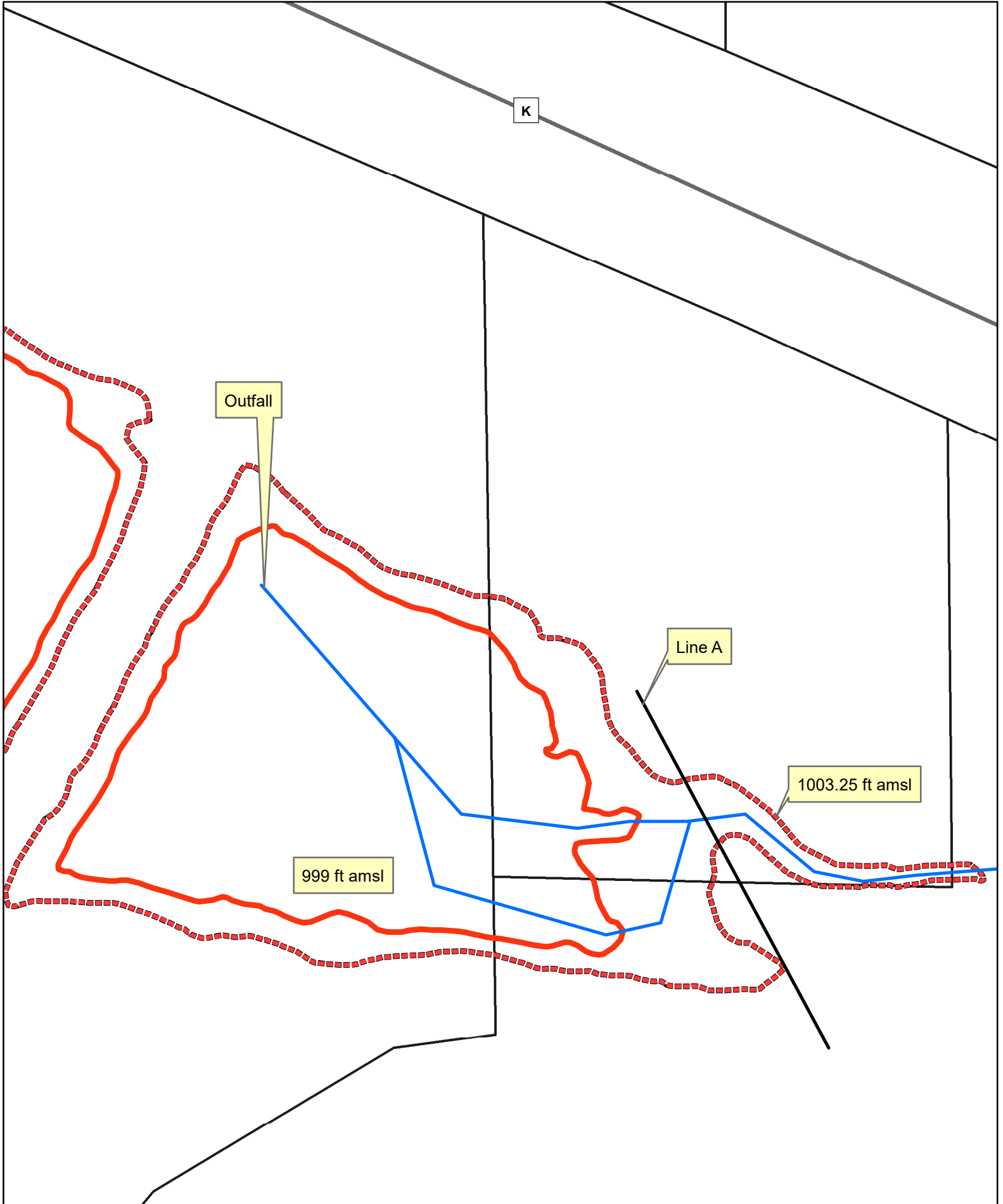
This letter serves as notice that the future development that will occur on the above-described lots is within the Shoreland Zoning District as defined under Chapter 11, Dane County Code of Ordinances.

I hope you find this information helpful. Please feel free to contact me to discuss your future plans for this property and compliance with shoreland zoning regulations.

Sincerely,

Hans Hilbert
Assistant Zoning Administrator

Cc:
Land & Water Resources



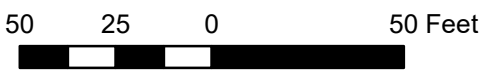
K

Outfall

Line A

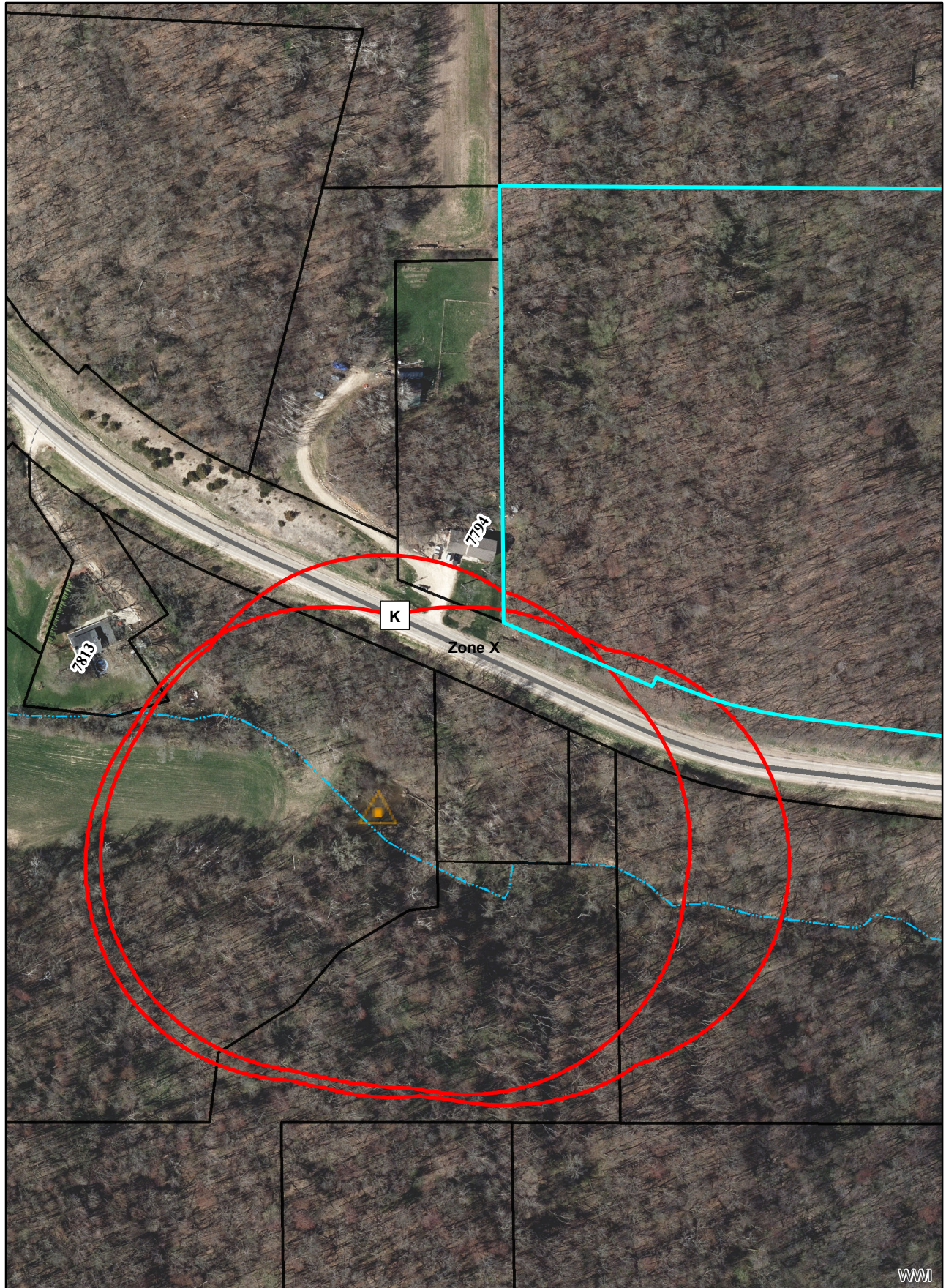
999 ft amsl

1003.25 ft amsl



For representative purposes only
By Hans Hilbert 2/21/2020

0 50 100 200 300 400 Feet



Hilbert, Hans

From: Hilbert, Hans
Sent: Friday, February 21, 2020 4:03 PM
To: 'mike ayers'; Adam Carrico (adam@carricoengineering.com); 'noa williamsonsurveying.com'; chris@williamsonsurveying.com
Subject: Revision to ordinary high water mark determination
Attachments: Springfield-30-Ayers_tributary to Brewery Creek_OHWM Determination.pdf

Earlier this winter a stake was set identifying the ordinary high water mark of an intermittent stream on the Ayers property in section 30 of the Town of Springfield. After reviewing the topographic location of this determination it appears to be inaccurate based on the site conditions. The site is unique in that the stream empties into a flowage created by an embankment with an underdrain. After reviewing engineering plans for the embankment I've reassessed my initial determine, and have identified two separate ordinary high water marks, one for the stream, and one for the flowage. The attached map shows a "Line A", which is the divide between the two waterways. Upstream of Line A the elevation of the ordinary high water mark remains at 1003.23 ft above mean sea level. Downstream of Line A the stream oxbows and appears to take two courses toward the embankment, the ordinary high water mark for this area is defined by the 999 ft above mean sea level elevation.

Please note that the attached map is for representation only, and actual field elevations should be used for planning and development purposes.

Let me know if you have any questions,

Hans

Hans Hilbert
Dane County
Assistant Zoning Administrator

Primary Contact for:
Shoreland, Wetland, & Floodplain Zoning
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